

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000741**Date Inspected:** 10-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 0**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 12**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shanghai

<b>Quality Control Contact:</b>	ABF Paint Supervisor William (B)			<b>Quality Control Present:</b>	<b>Yes</b>	<b>No</b>
<b>Material transfer:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Sampled Items:</b>	<b>Yes</b>	<b>No</b> <b>N/A</b>
<b>Stock Transfer:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>OK to Cut:</b>	<b>Yes</b>	<b>No</b> <b>N/A</b>
<b>Rebar Test Witness:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Delayed/Cancelled:</b>	<b>Yes</b>	<b>No</b> <b>N/A</b>
<b>Other:</b>	Surface Preparation and Coatings Application					
<b>Bridge No:</b>	34-0006			<b>Component:</b>	OBG, Tower L1E, L2E, L1S, L2S	
<b>Bid Item:</b>	77,78,79,80			<b>Lot No:</b>	B226	

**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Donald Jordan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

All Notices of Inspection and Quality Control (QC) Inspection reports signed by Mr. Jordan on this date identify receipt of the documentation and are not intended to be identified as acceptance or rejection of the work performed.

There were no inspection requests received by Caltrans QA Coatings Inspectors on the morning shift.

**Tower Lift 1 East**

Caltrans QA Coatings Inspector Jordan looked at the tower trial assembly area to see if any touch up work was being performed. The contractor was setting up to begin abrasive blasting on the interior of Tower Lift 1 East. Mr. Jordan pointed out to ABF QC Inspectors that the interior surfaces need to be degreased and inspected prior to abrasive blasting. There is a large amount of oil and grease on the deck around the outside of the tower. Any foot traffic inside the tower will be tracking deleterious material onto the surfaces to be abrasive blasted.

ABF QC personnel were also reminded that no coatings application work is allowed at this time outside of the Approved Paint Facility due to Caltrans Letter No. 05.03.01-004556 which states "Provide an MFSQA to the Department should ZPMC wish to proceed with the application of paint outside of the approved facility as was previously noted during the audit performed on November 28, 2008."

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## SOURCE INSPECTION REPORT

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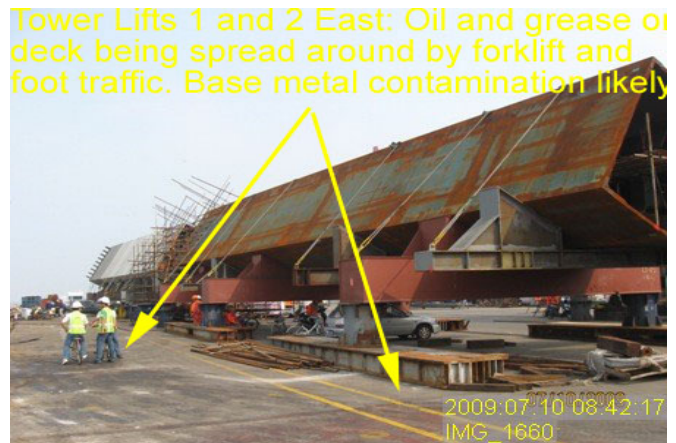
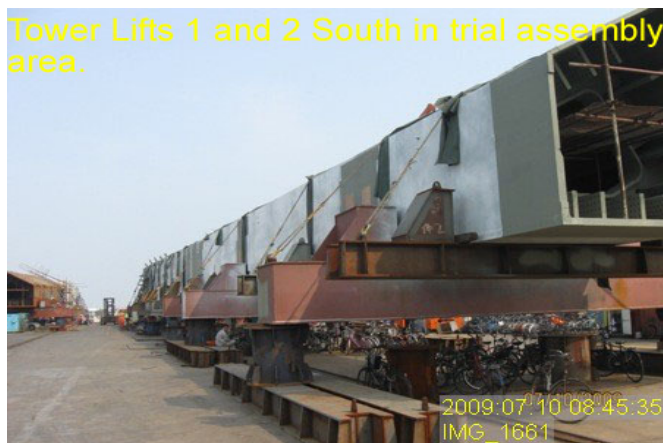
### OBG Trial Assembly

Caltrans QA Coatings Inspector Jordan walked through the OBG trial assembly observing the interior and exterior. No coatings related activity was identified.

### Approved Paint Facility

Application of Interzinc 52 inside of bolt holes was being performed inside the paint shop. No other coatings related activities were being performed at this time for this project.

Fabrication on assembled components of the OBG's and Towers are not complete. Outstanding weld repairs have not been performed. Coating damage requiring re-blast is expected.



### Summary of Conversations:

There were no relevant conversations on this date.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh (China) +8613472477571, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Jordan,Don	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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